

Form 9-370
(Rev. 5-63)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.0

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Cities Service Oil Company ✓

3. ADDRESS OF OPERATOR
P. O. Box 1919 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1980' FSL & 660' FEL Sec. 11-T20S-R28E, Eddy County, New Mexico
At top prod. interval reported below Same As Above
At total depth Same As Above

RECEIVED

AUG 19 1974

O. C. C.

5. LEASE DESIGNATION AND SERIAL NO
NM 2377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Government Y

9. WELL NO.
1

10. FIELD AND POOL OR WILDCAT
Undes. Russell Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 11-T20S-R28E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 5-6-74 16. DATE T.D. REACHED 6-17-74 17. DATE COMPL. (Ready to prod.) 7-31-74 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3562' Gr. 19. ELEV. CASINGHEAD 3562'

20. TOTAL DEPTH, MD & TVD 11,450' 21. PLUG, BACK T.D., MD & TVD 11,240' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 10-T.D. 11,450'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
11,123' - 11,230' - Morrow

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Laterolog, Compensated Neutron Formation
Density - Deviation Tests

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	625'	17-1/2"	630 Sacks (Circulated)	-
9-5/8"	32, 36 & 40#	3000'	12-1/4"	1200 Sacks (Circulated)	-
5-1/2"	17 & 20#	11450'	8-3/4"	1000 Sacks	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	11,059'	11,043'

31. PERFORATION RECORD (Interval, size and number) 2-0.49"
Holes each @ 11,123'-11,125'-11,133'-
11,135'-11,144'-11,149'-11,151'-11,152'-
11,155'-11,157'-11,171'-and-11,230'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
11,123' - 11,230' 4000 Gals. 7-1/2% MS Acid +
142,000 SCF Nitrogen 20,000
Gals. 7-1/2% MS Gel, 10,000
Gals. CO₂, 2600# Beads, 23,400#
20/40 Sand.

33.* PRODUCTION
DATE FIRST PRODUCTION 7/7/74 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing Dist. WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 7/31/74 HOURS TESTED 4 Hrs. CHOKE SIZE 6, 8, 10 & 12/64" PROD'N. FOR TEST PERIOD 2.5 GAS—MCF. WATER—BBL. GAS-OIL RATIO - Dist. 132,667

FLOW. TUBING PRESS. 1480# CASING PRESSURE - CALCULATED 24-HOUR RATE C.A.O.F. 2825 GRAVITY-API (CORR.) 56°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Well is Shut-In waiting Pipeline Connection

35. LIST OF ATTACHMENTS
Deviation Tests

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED E. J. Fielder TITLE Region Operation Manager DATE August 9, 1974

AUG 12 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOpassed
8-23-74
JW

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, in order to obtain a Federal or State lease or other rights. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, in accordance with the Federal or State laws and regulations, should be obtained from the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation, and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 12: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SEE ATTACHED				Bone Springs	5095'	
				Dean	8510'	
				Wolfcamp	8820'	
				Canyon	9422'	
				Strawn	10150'	
				Cherokee	10412'	
				Atoka	10663'	
			Morrow	10890'		
			Chester	11395'		